

L Number	Hits	Search Text	DB	Time stamp
1	29	(US-6323065-\$ or US-6309912-\$ or US-5548099-\$ or US-5401687-\$ or US-5306670-\$ or US-6403463-\$ or US-5757072-\$ or US-5359496-\$ or US-5336928-\$ or US-5745984-\$ or US-5524339-\$ or US-6492723-\$ or US-5355102-\$ or US-5161093-\$ or US-5108825-\$ or US-5073814-\$ or US-6400573-\$ or US-5455459-\$ or US-5432677-\$ or US-5157589-\$ or US-6294741-\$ or US-6680441-\$ or US-5255431-\$ or US-6590346-\$ or US-6555906-\$ or US-6274391-\$).did. or (US-20030134455-\$ or US-20020182841-\$ or US-20020070443-\$).did.	USPAT; US-PGPUB	2004/01/24 11:58
2	9	(US-5073814-\$ or US-5524339-\$ or US-6274391-\$ or US-6323065-\$ or US-6403463-\$ or US-6555906-\$ or US-6590346-\$ or US-6680441-\$).did. or (US-20020070443-\$).did.	USPAT; US-PGPUB	2004/01/24 13:15
3	7	(US-6680441-\$ or US-6555906-\$ or US-6403463-\$ or US-6323065-\$ or US-6274391-\$ or US-5524339-\$ or US-5073814-\$).did.	USPAT	2004/01/24 13:27
4	8	("5353498" "5422513" "5497033" "5527741" "5703400" "5745984" "5998859" "6091250").PN.	USPAT	2004/01/24 13:42
-	4	((("6274391") or ("5629074") or ("6567641") or ("5657537"))).PN.	USPAT; US-PGPUB	2004/01/23 12:56
-	3	((("6274391") or ("5629074") or ("20006567641") or ("5657537"))).PN.	USPAT; US-PGPUB	2004/01/23 12:56
-	1	("6567641").PN.	USPAT; US-PGPUB	2004/01/23 13:08
-	8261	438/106-127.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 13:08
-	4810	438/106-127.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or microcircuit or device))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 15:06
-	1284	438/125,126.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 13:12
-	905	438/125,126.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or microcircuit or device))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 13:13
-	304	(438/125,126.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or microcircuit or device))) and laminat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 13:45
-	601	(438/125,126.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or microcircuit or device))) not ((438/125,126.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or microcircuit or device))) and laminat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 14:21
-	8	("5336928" "5359496" "5422513" "5548099" "5559363" "5757072" "5874770" "6154366").PN.	USPAT	2004/01/23 13:57

-	379	438/125,126.ccls. not (438/125,126.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 14:44
-	2394	438/106.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 14:44
-	2239	438/106.ccls. not 438/125,126.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 14:44
-	1009	(438/106.ccls. not 438/125,126.ccls.) and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 15:09
-	4628	438/106-127.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device)))	USPAT; US-PGPUB	2004/01/23 15:07
-	2833	(438/106-127.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device))) not (438/125,126.ccls. or ((438/106.ccls. not 438/125,126.ccls.) and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 15:11
-	661	((438/106-127.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device))) not (438/125,126.ccls. or ((438/106.ccls. not 438/125,126.ccls.) and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device)))) and laminat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 15:26
-	2172	((438/106-127.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device))) not (438/125,126.ccls. or ((438/106.ccls. not 438/125,126.ccls.) and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device)))) not (((438/106-127.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device))) not (438/125,126.ccls. or ((438/106.ccls. not 438/125,126.ccls.) and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device)))) and laminat\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 15:26

	361	(((438/106-127.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device))) not (438/125,126.ccls. or ((438/106.ccls. not 438/125,126.ccls.) and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device)))))) not (((438/106-127.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device))) not (438/125,126.ccls. or ((438/106.ccls. not 438/125,126.ccls.) and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device)))))) and laminat\$4)) and organic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 15:26
	1811	(((438/106-127.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device))) not (438/125,126.ccls. or ((438/106.ccls. not 438/125,126.ccls.) and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device)))))) not (((438/106-127.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device))) not (438/125,126.ccls. or ((438/106.ccls. not 438/125,126.ccls.) and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device)))))) and laminat\$4)) not (((438/106-127.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device))) not (438/125,126.ccls. or ((438/106.ccls. not 438/125,126.ccls.) and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device)))))) not (((438/106-127.ccls. and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device))) not (438/125,126.ccls. or ((438/106.ccls. not 438/125,126.ccls.) and ((well or hole or cavit\$5 or aperture or recess or opening or pit or void or vacuity or hollow or orifice or trench) with (chip or die or semiconductor or IC or (integrated near2 circuit) or microdevice or mocrocirdcuit or device)))))) and laminat\$4)) and organic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/23 15:27

-	44	(US-6274391-\$ or US-5657537-\$ or US-5629074-\$ or US-6677186-\$ or US-6329213-\$ or US-6326244-\$ or US-6323065-\$ or US-6309915-\$ or US-6309912-\$ or US-5913110-\$ or US-5731227-\$ or US-5548099-\$ or US-5401687-\$ or US-5306670-\$ or US-4966857-\$ or US-6506633-\$ or US-6506632-\$ or US-6403463-\$ or US-6154366-\$ or US-5757072-\$ or US-5559363-\$ or US-5422513-\$ or US-5359496-\$ or US-5336928-\$ or US-4997791-\$ or US-4874721-\$).did. or (US-3614832-\$ or US-6653168-\$ or US-6590346-\$ or US-6352878-\$ or US-5866443-\$ or US-3763550-\$ or US-6228682-\$ or US-5745984-\$ or US-4918811-\$ or US-3903590-\$).did. or (US-20030207499-\$ or US-20020182841-\$ or US-20030134455-\$ or US-20020127769-\$ or US-20020110952-\$ or US-20020127780-\$ or US-20020070443-\$ or US-20010010398-\$).did.	USPAT; US-PGPUB	2004/01/23 18:16
-	0	20030207499.URPN.	USPAT	2004/01/23 18:20
-	0	20030134455.URPN.	USPAT	2004/01/23 18:20
-	0	20020110952.URPN.	USPAT	2004/01/23 18:21
-	0	20020070443.URPN.	USPAT	2004/01/23 18:22
-	13	("4931853" "5528222" "5566441" "5598032" "5826328" "6036099" "6111303" "6281048" "6319827" "6320753" "6374486" "6404643" "6406935").PN.	USPAT	2004/01/23 18:23
-	13	("4931853" "5528222" "5566441" "5598032" "5826328" "6036099" "6111303" "6281048" "6319827" "6320753" "6374486" "6404643" "6406935").PN.	USPAT	2004/01/23 18:24
-	0	6677186.URPN.	USPAT	2004/01/23 18:25
-	5	("4725692" "5138438" "5906042" "6239983" "6506982").PN.	USPAT	2004/01/23 18:26
-	0	6653168.URPN.	USPAT	2004/01/23 18:27
-	6	("5545291" "5754266" "6274508" "6281038" "6291896" "6316278").PN.	USPAT	2004/01/23 18:27
-	6	("5545291" "5754266" "6274508" "6281038" "6291896" "6316278").PN.	USPAT	2004/01/23 18:51
-	0	6590346.URPN.	USPAT	2004/01/23 18:51
-	2	("5831833" "6300163").PN.	USPAT	2004/01/23 18:51
-	0	6506633.URPN.	USPAT	2004/01/23 18:51
-	6	("4356374" "4997791" "5882957" "6093584" "6093970" "6399418").PN.	USPAT	2004/01/23 18:52
-	0	6506632.URPN.	USPAT	2004/01/23 18:52
-	6	("4356374" "4997791" "5882957" "6093584" "6093970" "6399418").PN.	USPAT	2004/01/23 18:56
-	0	6506632.URPN.	USPAT	2004/01/23 18:56
-	8	("5336928" "5359496" "5422513" "5548099" "5559363" "5757072" "5874770" "6154366").PN.	USPAT	2004/01/23 18:57
-	2	6403463.URPN.	USPAT	2004/01/23 18:58
-	9	("4246595" "5111278" "5336928" "5422513" "5548099" "5757072" "5874770" "6154366" "6403463").PN.	USPAT	2004/01/23 18:58
-	0	6492723.URPN.	USPAT	2004/01/23 18:59
-	16	("5240588" "5397921" "5420460" "5455456" "5583378" "5633533" "5640047" "5663530" "5710459" "5739581" "5832596" "5844168" "5998241" "6020637" "6051450" "6066512").PN.	USPAT	2004/01/23 19:02
-	3	6323065.URPN.	USPAT	2004/01/23 19:04
-	3	("4835847" "5032896" "5990553").PN.	USPAT	2004/01/23 19:06
-	5	6309912.URPN.	USPAT	2004/01/23 19:06
-	43	("3881971" "3903590" "4245273" "4544989" "4554229" "4617085" "4714516" "4725504" "4752816" "4764485" "4780177" "4783695" "4798918" "4806395" "4816422" "4824716" "4835704" "4842677" "4857382" "4866508" "4878991" "4882200" "4884122" "4894115" "4897153" "4901136" "5048179" "5049978" "5081563" "5093879" "5144747" "5151776" "5157255" "5161093" "5196371" "5200631" "5206712" "5237434" "5241456" "5249245" "5250843" "5262351" "5355102").PN.	USPAT	2004/01/23 19:08

-	10	("3192307" "3303265" "3982271" "4085390" "4276558" "4731648" "4768004" "4781482" "4808769" "4811081").PN.	USPAT	2004/01/23 19:08
-	21	5355102.URPN.	USPAT	2004/01/23 19:09
-	11	5770884.URPN.	USPAT	2004/01/23 19:11
-	20	("4489364" "4542397" "4670770" "4783695" "4884122" "4933042" "4949148" "4954875" "4967146" "5019535" "5023205" "5034091" "5091330" "5168344" "5207866" "5229647" "5331203" "5353498" "5355102" "5373627").PN.	USPAT	2004/01/23 19:11
-	5	("4246595" "4783695" "4884122" "5073814" "5108825").PN.	USPAT	2004/01/23 19:14
-	7	("3856752" "4480009" "4557860" "4692272" "4783695" "4824716" "4931539").PN.	USPAT	2004/01/23 19:15
-	35	5108825.URPN.	USPAT	2004/01/23 19:15
-	7	("5073814" "5108825" "5161093" "5306670" "5347091" "5432677" "5452182").PN.	USPAT	2004/01/23 19:16
-	6	("4729061" "5108825" "5157589" "5161093" "5280414" "5306670").PN.	USPAT	2004/01/23 19:17
-	8	("4246595" "4723197" "4789760" "4861164" "4897153" "4914260" "4924295" "4933042").PN.	USPAT	2004/01/23 19:17
-	15	5157589.URPN.	USPAT	2004/01/23 19:18
-	12	("3834793" "4058430" "4618878" "4783695" "4884122" "4918811" "4960613" "4988412" "5108825" "5127998" "5157589" "5291066").PN.	USPAT	2004/01/23 19:19
-	19	5455459.URPN.	USPAT	2004/01/23 19:20
-	4	("5073814" "5353498" "5455459" "5476719").PN.	USPAT	2004/01/23 19:21
-	2	("4827325" "4933738").PN.	USPAT	2004/01/23 19:21
-	27	5073814.URPN.	USPAT	2004/01/23 19:21
-	2	6294741.URPN.	USPAT	2004/01/23 19:23
-	23	5432677.URPN.	USPAT	2004/01/23 19:25
-	1	6400573.URPN.	USPAT	2004/01/23 19:27
-	38	5161093.URPN.	USPAT	2004/01/23 19:30
-	9	("5161093" "5336928" "6180881" "6239496" "6292366" "6359235" "6404643" "6469374" "6512182").PN.	USPAT	2004/01/23 19:31
-	0	6680441.URPN.	USPAT	2004/01/23 19:32
-	18	("4217684" "4631820" "4725924" "4783695" "4835704" "4878991" "4894115" "4918811" "4933042" "5158911" "5161093" "5255431" "5306670" "5323533" "5324687" "5331203" "5338975" "5353498").PN.	USPAT	2004/01/23 19:34
-	15	("3749347" "3818279" "4184043" "4714516" "4721831" "4764485" "4774634" "4780177" "4783695" "4814944" "4835704" "4842677" "4894115" "5074947" "5147210").PN.	USPAT	2004/01/23 19:36
-	19	5255431.URPN.	USPAT	2004/01/23 19:37
-	21	5524339.URPN.	USPAT	2004/01/23 19:39
-	8	6274391.URPN.	USPAT	2004/01/23 19:44
-	6	("5049978" "5073814" "5151769" "5359496" "5524339" "5548099").PN.	USPAT	2004/01/23 19:45
-	24	5757072.URPN.	USPAT	2004/01/23 19:45
-	8	("4783695" "5108825" "5169678" "5255431" "5353498" "5388328" "5546654" "5564181").PN.	USPAT	2004/01/23 19:47
-	28	5745984.URPN.	USPAT	2004/01/23 19:48
-	8	("5353498" "5422513" "5497033" "5527741" "5703400" "5745984" "5998859" "6091250").PN.	USPAT	2004/01/23 19:49
-	0	6555906.URPN.	USPAT	2004/01/23 19:50
-	9	("4780177" "4783695" "4843440" "4873566" "4882200" "4953001" "5206712" "5355102" "5422513").PN.	USPAT	2004/01/23 19:53
-	13	5559363.URPN.	USPAT	2004/01/23 19:53
-	9	("4783695" "4835704" "4878991" "4894115" "4933042" "5161093" "5331203" "5338975" "5422513").PN.	USPAT	2004/01/23 19:54
-	20	5548099.URPN.	USPAT	2004/01/23 19:55
-	11	("3591838" "3903590" "4714516" "4783695" "4835704" "4878991" "4894115" "4933042" "5047834" "5111278" "5154793").PN.	USPAT	2004/01/23 19:56

-	27	5422513.URPN.	USPAT	2004/01/23 19:57
-	13	("4617085" "4783695" "4835704" "4878991" "4894115" "4903110" "4933042" "5017509" "5073814" "5161093" "5169678" "5206712" "5264246").PN.	USPAT	2004/01/23 20:01
-	11	5401687.URPN.	USPAT	2004/01/23 20:01
-	14	("3660726" "4633573" "4788382" "4814943" "4866501" "4880684" "4952286" "4970574" "5023205" "5048179" "5068708" "5072263" "5144747" "5200810").PN.	USPAT	2004/01/23 20:03
-	17	5359496.URPN.	USPAT	2004/01/23 20:04
-	15	("4714516" "4761345" "4764485" "4780177" "4783695" "4835704" "4840302" "4842677" "4878991" "4884122" "4894115" "4937203" "4999700" "5073814" "5081563").PN.	USPAT	2004/01/23 20:05
-	34	5336928.URPN.	USPAT	2004/01/23 20:06
-	6	("4633573" "4874721" "5098864" "5102829" "5188984" "5206188").PN.	USPAT	2004/01/23 20:07
-	30	5306670.URPN.	USPAT	2004/01/23 20:08
-	58	(US-6274391-\$ or US-5657537-\$ or US-5629074-\$ or US-6677186-\$ or US-6329213-\$ or US-6326244-\$ or US-6323065-\$ or US-6309915-\$ or US-6309912-\$ or US-5913110-\$ or US-5731227-\$ or US-5548099-\$ or US-5401687-\$ or US-5306670-\$ or US-4966857-\$ or US-6506633-\$ or US-6506632-\$ or US-6403463-\$ or US-6154366-\$ or US-5757072-\$ or US-5559363-\$ or US-5422513-\$ or US-5359496-\$ or US-5336928-\$ or US-4997791-\$ or US-4874721-\$).did. or (US-6653168-\$ or US-6590346-\$ or US-6352878-\$ or US-5866443-\$ or US-3763550-\$ or US-6228682-\$ or US-5745984-\$ or US-4918811-\$ or US-3903590-\$ or US-6492723-\$ or US-5355102-\$ or US-5770884-\$ or US-5161093-\$ or US-5108825-\$ or US-6400573-\$ or US-5432677-\$ or US-5157589-\$ or US-5455459-\$ or US-6294741-\$ or US-5073814-\$ or US-6680441-\$ or US-5524339-\$ or US-5255431-\$ or US-6555906-\$).did. or (US-20030207499-\$ or US-20020182841-\$ or US-20030134455-\$ or US-20020127769-\$ or US-20020110952-\$ or US-20020127780-\$ or US-20020070443-\$ or US-20010010398-\$).did.	USPAT; US-PGPUB	2004/01/23 20:11
-	1	(US-3614832-\$).did.	USOCR	2004/01/23 20:11
-	31	(US-6680441-\$ or US-6590346-\$ or US-6555906-\$ or US-6492723-\$ or US-6403463-\$ or US-6400573-\$ or US-6323065-\$ or US-6309912-\$ or US-6294741-\$ or US-6274391-\$ or US-5757072-\$ or US-5745984-\$ or US-5731227-\$ or US-5548099-\$ or US-5524339-\$ or US-5455459-\$ or US-5432677-\$ or US-5401687-\$ or US-5359496-\$ or US-5355102-\$ or US-5336928-\$ or US-5306670-\$ or US-5255431-\$ or US-5161093-\$ or US-5157589-\$ or US-5108825-\$).did. or (US-5073814-\$).did. or (US-20030207499-\$ or US-20030134455-\$ or US-20020182841-\$ or US-20020070443-\$).did.	USPAT; US-PGPUB	2004/01/23 20:24
-	1	("6274391").PN.	USPAT	2004/01/23 20:24